	P	ΓO/SB/05 (03-0
approved for use through	10/31/2002.	OMB 0651-003

UTILITY
PATENT APPLICATION
TRANSMITTAL

740756-2441 Attorney Docket No. Shunpei YAMAZAKI First Inventor SEMICONDUCTOR DEVICE Title

(Only for new nonprovisional applications under 37 CFR 1.53(b))

APPI	JICA	TION	ELE	MENTS
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See MPEP chapter 600 concerning utility patent application contents.

Fee Transmittal Form (e.g., PTO/SB/17) (Submit an original and a duplicate for fee processing)

Applicant claims small entity status. See 37 CFR 1.27.

Specification

[Total Pages 73]

(preferred arrangement set forth below) Descriptive title of the invention

Cross Reference to Related Applications (if applicable)

Statement Regarding Fed sponsored R & D (if applicable)

Reference to sequence listing, a table, or a computer program listing appendix (if applicable)

Background of the Invention Brief Summary of the Invention

Brief Description of the Drawings (if filed)

Detailed Description

Claim(s)

Abstract of the Disclosure

Drawing(s) (35 U.S.C. 113) (Figs. 1A-23B) [Total Sheets 21]

Oath or Declaration

[Total Pages 4]

a. Newly executed (original or copy)

Copy from a prior, application (37 CFR 1.63(d)) (for continuation/divisional with Box 18 completed)

DELETION OF INVENTOR(S) Signed statement attached deleting inventor(s) named in the prior application, see 37 CFR 1.63(d)(2) and 1.33(b)

Application Data Sheet. See 37 CFR 1.76

ADDRESS TO:

Express Mail Label No.

Commissioner for Patents **Box Patent Application** Washington, DC 20231

7. CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission (if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

i. D CD-ROM or CD-R (2 copies; or

ii. paper

c.

Statements verifying identity of above copies

ŀ	ACCOMPANYING APPLICATION PARTS
]	Assignment Papers (cover sheet & document(s)

9. L

Power of Attorney (when there is an assignee)

11. English Translation Document (if applicable) 12. Information Disclosure

Copies of IDS Statement (IDS)/PTO-1449 Citations

13. Preliminary Amendment

14. E Return Receipt Postcard (MPEP 503) (Should be specifically itemized)

15. Certified Copy of Priority Document(s) (if foreign priority is claimed)

16. Nonpublication request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.

17. A Other: Change of Name and Address Trans.

8.	If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in a preliminary amendment
r ii	n an Application Data Sheet under 37 CFR 1.76:

Continuation

of prior application No.: 09/440,633 filed November 19, 1999

Prior application information:

Examiner Remmon R. Forde

Group / Art Unit: 2826

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS										
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Approved for

PTO/SB/17 (11-00) ough 10/31/2002. OMB 0651-0032

FEE 7	ΓRA	NS	MIT	TAL
F	OR	FY	200	1

Patent fees are subject to annual revision.

TOTAL AMOUNT OF PAYMENT (\$) 1088.00

mplete if Known Not Yet Assigned February 21, 2002 Application Number Filing Date Shunpei YAMAZAKI et al Remmon R. Forde First Named Inventor Examiner Name Group Art Unit 2826 Attorney Docket No. 740756-2441

METHOD OF PAYMENT	FEE CALCULATION (continued)					
1. E The Commissioner is hereby authorized to charge indicated		3. ADDITIONAL FEES				
fees and credit any overpayments to:	Large Entity		Small Entity		•	
Deposit Account Number 19-2380 (740756-2441)		Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
	105	130	205	65	Surcharge - late filing fee or oath	
Deposit Deposit	127	50	227	25	Surcharge - late provisional filing fee or cover sheet	
Account Name Nixon Peabody LLP	139	130	139	130	Non-English transaction	
	147 2,	520	147	2,520	For filing a request for ex parte reexamination	
Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17	112 9	20*	112	920*	Requesting publication of SIR prior to Examiner action	
_	113 1,8	40*	113	1,840*	Requesting publication of SIR after Examiner action	
Applicant claims small entity status. See 37 CFR 1.27	115	110	215	55	Extension for reply within first month	
2. X Payment Enclosed:	116	400	200	200	Extension for reply within second month	
 -'	117	920	460	460	Extension for reply within third month	
	118 1,	440	720		Extension for reply within fourth month	
FEE CALCULATION	128 1,	960	228	980	Extension for reply within fifth month	
14. BASIC FILING FEE	4	320	219		Notice of Appeal	
Large Entity Small Entity		320	220		Filing a brief in support of an appeal	
Fee Fee Fee Fee Description	121	280	221	140	Request for oral hearing	
Code (\$) Code (\$) Fee Paid 101 740 201 370 Utility filing fee 740.00	138 1,	510	138	1.510	Petition to institute a public use proceeding	
101 740 201 370 Other, ming lee	1	110	240	,	Petition to revive – unavoidable	
106 330 206 165 Design filing fee 107 510 207 255 Plant filing fee	141 1,	280	241	640	Petition to revive – unintentional	
	142 1,	280	242	640	Utility issue fee (or reissue)	
	143	460 ·	243	230	Design issue fee	
114 160 214 80 Provisional filing fee	144	620	244	310	Plant issue fee	
SUBTOTAL (1) (\$) 740.00	122	130	122	130	Petitions to the Commissioner	
2. EXTRA CLAIM FEES	123	50	123	50	Processing fee under 37 CR 1.17(q)	
Fee from	126	180	126	180	Submission of Information Disclosure Stmt	
Extra Claims below Fee Paid Total Claims 30 -20** = 10 X 18.00 = 180.00	581	40	581	40	Recording each patent assignment per property (times number of properties)	
Independent $5 -3^{**} = 2 X 84.00 = 168.00$	146	740	246	370	Filing a submission after final rejection (37 CFR	
Claims Multiple Dependent = =	149	740	249	370	§ 1.129(a)) For each additional invention to be examined (37 CFR	
Large Entity Small Entity	179	740	279	370	§ 1.29(b)) Request for Continued Examination (RCE)	
Fee Fee Fee Fee Description	l					
Code (\$) Code (\$)	169	900 .	169	900	Request for expedited examination of a design application	
103 18 203 9 Claims in excess of 20	Other fee	e (spec	cify)		··	
102 84 202 42 Independent claims in excess of 3						
104 280 204 140 Multiple dependent claim, if not paid	* Reduce	ed by	Basic F	iling Fe	e Paid SUBTOTAL (3) (\$)	
109 84 209 42 ** Reissue independent claims over						
original patent 110 18 210 9 ** Reissue claims in excess of 20 and					CERTIFICATE OF MAILING	
over original patent	sufficient	I h	ereby cer	tify that class ma	this correspondence is being deposited with the United States Postal S if in an envelope addressed to Commissioner for Patents, Washington,	ervice with DC 20231, on
SUBTOTAL (2) (\$) 348.00					<u> </u>	
**or number previously paid, if greater; For Reissues, see above Name:						
SUBMITTED BY					Complete (if applicable)	
Name (Print/Type) Loffrey L. Costollio	Registra (Attoyny			42	Telephone (703) 790, 9110	
Jeffrey L. Costellia Signature	1 //	-		#3:	5,483 (703) 790-9110	,
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